

What is claimed is:

1. A sealing device (4) for a reciprocating shaft, the sealing device being interposed between a shaft (1) reciprocating in an axial direction and an outer peripheral member (2) surrounding an outer periphery thereof, comprising

a washer (41);

a main lip (42) integrally bonded to a sealed space (A) side of the washer (41) and slidably brought into close contact with an outer peripheral surface (1a) of said shaft (1);

a backup ring (44) fitted to a portion between an atmosphere (B) side of a slidable surface (42c) of the main lip (42) and an inner peripheral portion (41a) of said washer (41), and bearing said main lip (42) from the atmosphere (B) side and the inner peripheral side;

a dust lip (45) integrally bonded to the atmosphere (B) side of said washer (41) and slidably brought into close contact with the outer peripheral surface (1a) of said shaft (1); and

an outer peripheral lip (46) integrally bonded to an outer peripheral portion (41b) of said washer (41) and brought into close contact with said outer peripheral member (2).

2. A sealing device (4) for a reciprocating shaft, the sealing device being interposed between a shaft (1) reciprocating in an axial direction and an outer peripheral member (2) surrounding an outer periphery thereof, comprising

a washer (41);

a main lip (42) closely fitted to a main lip holding concave portion (41c) formed in a sealed space (A) side in an inner peripheral portion (41a) of the washer (41) and slidably brought into close contact with an outer peripheral surface (1a) of said shaft (1);

a backup ring (44) fitted to a portion between an atmosphere (B) side of a slidable surface (42c) of the main lip (42) and a rising surface of said main lip holding concave portion (41c) and bearing said main lip (42) from the atmosphere (B) side and the inner peripheral side;

a dust lip (45) integrally bonded to the atmosphere (B) side of said washer (41) and slidably brought into close contact with the outer peripheral surface (1a) of said shaft (1); and

an outer peripheral lip (46) integrally bonded to an outer peripheral portion (41b) of said washer (41) and brought into close contact with said outer peripheral member (2).

3. A sealing device (4) for a reciprocating shaft, the sealing device being interposed between a shaft (1) reciprocating in an axial direction and an outer peripheral member (2) surrounding an outer periphery thereof, comprising

a washer (41);

an auxiliary washer (47) arranged and fitted to a sealed space (A) side of the washer (41);

a main lip (42) integrally bonded to a sealed space (A) side in an inner peripheral portion of the auxiliary washer (47) and slidably brought into close contact with an outer peripheral surface (1a) of said shaft (1);

an outer peripheral lip (46) integrally bonded to an outer peripheral portion of said auxiliary washer (47) and brought into close contact with said outer peripheral member (2);

a backup ring (44) fitted to a portion between an atmosphere (B) side of a slidable surface (42c) of said main lip (42) and an inner peripheral portion (41a) of said washer (41) and bearing said main lip (42) from the atmosphere (B) side and the inner peripheral side; and

a dust lip (45) integrally bonded to the atmosphere (B) side of said washer (41) and slidably brought into

close contact with the outer peripheral surface (1a)
of said shaft (1).